In The Matter Of:

Town of Stoneham Board of Appeals Weiss Farm Apartments, LLC, Re 170 Franklin Street

Public Hearing, Volume VIII October 28, 2015 Comprehensive Permit Request



50 Franklin St., Boston, MA 02110 Phone (617) 426-2432

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Volume VIII Pages 8-1 to 8-105 TOWN OF STONEHAM BOARD OF APPEALS Public Hearing Re Comprehensive Permit Request by Weiss Farm Apartments, LLC With Regard to 170 Franklin Street Board Members Present: Robert Saltzman, Chairman William Sullivan Tobin Shulman R. Michael Dufour Laurence Rotondi Catherine Rooney, Secretary Huggins & Witten, LLC (by Jonathan Witten, Esq.) 156 Duck Hill Road, Duxbury, MA 02332, jon@hugginsandwitten.com, 781.934.0084, for the Board. Cicatelli & Cicatelli (by Steven L. Cicatelli, Esq.) 266 Main Street, Stoneham, MA 02180-3502, scicatelli@cicatelli.com, 781.438.4060 - and -Rackemann, Sawyer & Brewster (by Richard Gallogly, Esq.) 160 Federal Street, Boston, MA 02110, rgallogly@rackemann.com, 617.542.2300 for the Applicant. Held at: Stoneham Town Hall 35 Central Street Stoneham, Massachusetts Wednesday, October 28, 2015 7:30 p.m. Alexander K. Loos Registered Diplomate Reporter

cered Diplomate Reporte:

	2
1	PROCEEDINGS
2	CHAIRMAN SALTZMAN: All right, everybody.
3	Good evening. Welcome to the Stoneham Board of
4	Appeals. This is wait a minute.
5	Are you ready for us?
6	VIDEO OPERATOR: You're good. You're good.
7	CHAIRMAN SALTZMAN: We'll try this again.
8	All right. Good evening, everybody, and
9	welcome to the Stoneham Board of Appeals.
10	This is a continuation of an ongoing
11	hearing that we're having with reference to the
12	application for a comprehensive permit for 170
13	Franklin Street, the property known as Weiss Farm.
14	Just before we get started I'm sorry.
15	Could everybody who is coming in here,
16	could everybody sign in? Didn't mean to wait until
17	you sat down, but I didn't see you sneak in there.
18	MR. ROTONDI: Mr. Chairman, could I have
19	something to say
20	CHAIRMAN SALTZMAN: Sure.
21	MR. ROTONDI: before we start the
22	meeting?
23	CHAIRMAN SALTZMAN: Sure.
24	MR. ROTONDI: What I want to ask Cathy is I

has gone to the land swap, and it doesn't have

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1
    anything to do with it.
2
             MR. VERNA: More than -- more than that has
3
    gone for the swap, but I don't know everything about
    it.
 4
5
             CHAIRMAN SALTZMAN: Okay. Just one quick
6
    thing.
7
             I just want to call everybody's attention
    to one detail of great significance. The -- the --
8
    the legislation, it was passed at the town
9
10
    meeting -- which created this particular fund, and
    the Standing Committee -- stated that the funds
11
    shall be under the jurisdiction and control of the
12
13
    town selectmen, and selectwoman, as assisted by a
    standing committee.
14
             So I would just say that the -- the request
15
    is -- as a taxpayer is absolutely in line, but
16
    directing it to the Board of Appeals, we don't
17
    have -- we don't have --
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             MR. ROTONDI: But shouldn't we know how
19
20
    much we've spent so we know how much we're going to
21
    be able to do? I mean --
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             CHAIRMAN SALTZMAN: Well, it's -- but
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    it's -- what I'm saying is, it's something that, if
    you are directing the Board of Appeals, or asking if
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1
    the Board of Appeals will inquire of the selectmen,
2
    that might be the way to go. But what I'm saying
    is, you know, that -- that, you know, that --
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             MR. ROTONDI:
 4
                            Okay.
             CHAIRMAN SALTZMAN: -- we don't have it
5
    under us. We don't have it under us.
6
7
             MR. ROTONDI: Should I rephrase it then,
    ask Cathy to ask the Board of Selectmen how much
8
    money that we have we spent towards this 40B?
9
10
    And -- you know -- because you hear a lot of
    scuttlebut. I know the taxpayers voted for that
11
    money for the 40B only.
12
13
             MS. ROONEY: I'll look into it.
14
             CHAIRMAN SALTZMAN: And I would say it
    should be a matter of public record, so it should be
15
16
    easily ascertained.
17
             Yes.
             MR. ROTONDI: Go ahead.
18
             MR. VERNA: I have a copy of -- I don't
19
    have it with me tonight, but I have a copy of all
20
21
    the money spent for counsel and the swap, the
22
    alleged swap, whatever that means.
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             MR. ROTONDI: Okay. But I'm saying --
             CHAIRMAN SALTZMAN: Would you be kind
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1
    enough to provide us with a copy?
2
             MR. VERNA: Absolutely.
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             CHAIRMAN SALTZMAN:
                                  Sure.
             MR. ROTONDI: But I'm just trying to say
4
    that the money was never raised for the swap.
5
                                                    Ιt
    was just for the 40B.
6
7
             MR. VERNA: I brought up that issue, and I
    was told it is. I'm not a lawyer, so...
8
9
             MR. ROTONDI: All right. I just wanted to
    know.
           That's all I asked.
10
11
             CHAIRMAN SALTZMAN: All right.
             On that note, seeing the conditions outside
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13
    tonight, you know, puts -- puts one in mind of,
    perhaps, a site visit being in order. Not tonight,
14
    but it might be something that we want to think
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16
    about as a board and as a group. I mean, it's
    something that we -- we should probably, before it
17
    gets too nasty out there -- not only tonight --
18
    think about perhaps the -- the early part of
19
    December when, of course, nobody will have anything
20
21
    else to do, maybe -- maybe think about something
22
    possibly toward the end of that first week.
23
             I'm just putting that out there. It's
    something that we ought to think about, and it's
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something that, I think that, as part of our due diligence as a board, we ought to be closing in on.

All right. There is just one other thing that occurred to me. During the last meeting there was a -- Jeffrey Dirk, the traffic consultant, in answer to a question, as I recall, you know, we have -- we have, I think, a very good faith basis for wondering, Franklin Street, the redesign of Franklin Street may be something that is outside the reach of this particular Board. I'm not convinced that we have the authority to take a public way and redesign it.

That said, if the Board decided it wouldn't do that, what the next -- the question that that creates is, if you're not going to have three lanes on Franklin Street, such as would make that left-hand turn easily -- easily accomplished in the afternoon, my recollection of the answer to the question is, "Well, what would" -- "what would that mean for the project?" Jeffrey Dirk said it would mean that the number of units would have to be reduced to between 100 and 125. That was my recollection.

Does anybody have a different recollection?

1 MR. ENGLER: No. It's the same. CHAIRMAN SALTZMAN: All right. I didn't 2 3 bring my minutes, but I've -- let's assume that for the instant. That seems to be a fair question. 4 Would there be an objection to providing us 5 with that information, with what would 120 to 6 7 125 units look like, in the event that the -- the lanes cannot be redrawn on Franklin Street? 8 9 And I would submit that there would be a 10 host of reasons why that might not happen. 11 bicycles, the fact that the town is very committed, along with the two adjoining towns, to creating a 12 13 bikeway, the fact that this connects to the bikeway. There are legitimate questions, and I believe -- and 14 this may be -- be something that we -- we look at. 15 16 I have some -- some understanding that when there was talk of siting a middle school at the 17 town's property where the high school is located on 18 Franklin Street, across the street from Weiss Farm, 19 that there was a building committee that studied 20 that, and the building committee determined that the 21 22 traffic was such that they couldn't do widenings of 23 the road; they couldn't sufficiently address the traffic concerns that would be attendant to having a 24

school at that location, and so the town could not site a school on that property because of traffic.

I would submit that we may be looking at a very serious issue here, just on the traffic front alone, and I would ask if the -- the Applicant would submit a -- a redesigned project of between 120 and 125 units.

MR. ENGLER: Good evening, Mr. Chairman. Bob Engler of SEB for the Applicant.

I haven't spoken to him, because you're just raising the question for the first time, but the way I would look at it is if you impose a condition that we have to get that to work, then we have the obligation to either say, you know, "We accept that condition, and we will get it to work" -- our position may be that you do have the authority to -- to grant that based on the work done by your own traffic consultant and how it would work, and we would participate in that. You know, it may be our position that that's not something someone else has the right to do; you have the right to do. But that's one major condition that we would like to look at, along with anything else you ask for at the time when all the discussion is over, and

the issue is how many of these things can you work with or not work with, and we have that very frank discussion. We'll be happy to participate at that point in time.

But we would rather stick to the fact that we think that could be done, and we're willing to participate in it. And if it can't be done, we have to -- we have to decide whether, you know, that's a condition that breaks the project or not. But I don't think it helps us to redesign a project and say -- if we felt we could live with 125 units, we would give you that. We don't think we could live with 125 units, so it's not going to get us any further in the discussion other than looking at that condition as -- can we get that condition to work. Because we agree that your consultant has said it's something that should happen, and we would like to participate in having that happen.

CHAIRMAN SALTZMAN: Well, if it's -- if it's your position that 125 units would not work, is that because 125 would not be economic?

MR. ENGLER: Well, I could think it's fairly safe to say cutting this by half is not -- is not going to work, so -- but --

CHAIRMAN SALTZMAN: You know, and just on that front, I mean, I did not anticipate -- I mean, I asked the question. I had no idea what the answer was going to be when Mr. Dirk was speaking, and I hadn't really digested the answer until after I was driving home, and I'm thinking, "Jesus, that's quite a change." And I think that we all -- we're pretty much in the same position. I mean, it wasn't in his report.

MR. ENGLER: Right.

CHAIRMAN SALTZMAN: And so I -- you know, and as to, you know, a frank discussion, you know, no time like the present. I mean, if that's what we're looking at, and if that's a -- if that's your response as the Applicant, I would ask, you know, if it's -- if it's not economic, if we could have the pro forma at this point. Because it does seem to be a legitimate time where there should be review, because I think that's going to be an issue.

MR. ENGLER: Well, if it is, and -- the way the regs read -- and here's counselor over here to speak to that -- but the way we read the regs, the pro forma gets discussed when all substantive matters from other consultants and other areas of

1 expertise get dealt with. After those discussions 2 are over, and the Board has a sense of the Board as to the kind of things they want to impose -- if they 3 deny, that's one thing, but if they want to impose a 4 lot of conditions, put them all on the table. If we 5 say we can't live with some of those, or all of 6 7 them, you have every right to ask for a pro forma, and we'll look at that. But that's not at the 8 middle of the process. That's when everything else 9 is put on the table. 10 11 CHAIRMAN SALZTZMAN: Well, I would just submit that if --12 13 MR. ENGLER: You're alerting us to the fact 14 early that this may be one of them, and I understand 15 that. CHAIRMAN SALTZMAN: I mean, it's -- you 16 know, we were all at the same meeting; we all heard 17 the same thing. It does appear that it's a 18 legitimate issue. And I would just say that, from 19 20 our end of it, if we're going to get the pro forma, 21 I mean, we're looking at the close of this being 22 January the 15th. And it would just seem to me that, you know, I don't want to get this in my 23 Christmas stocking this year. You know, it's not 24

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1
    something --
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             MR. ENGLER: We don't want to give it to
3
    you --
             CHAIRMAN SALTZMAN: I know that answer, but
 4
    I would just say that if it's going to be -- if the
5
    applicant is going to -- is going to state that this
6
7
    is uneconomic, it's probably no time like the
    present to -- to state it, and no better time than
8
    now to put us in a posture where we can -- we can
9
10
    know what we're looking at.
11
             Mr. Mahoney.
             MR. MAHONEY: Just a few things.
12
13
             Our -- we heard Mr. Dirk. We haven't done
    our own analysis, so I think it's a bit unfair for
14
    us just to accept Mr. Dirk's analysis that the site
15
16
    can only handle 120 units without giving us a chance
    to have our traffic consultant look at the same
17
    question. I mean, I was surprised to hear it.
18
             You know, we -- we came to the left-turn
19
20
    lane, you know, as we went through the design
21
    process.
              It was not apparent to us up front that
22
    that was going to be absolutely required, so I was
23
    surprised that it was 120 units. We didn't go back
    to study it because I didn't know we were going to
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1	have further discussion about it.
2	CHAIRMAN SALTZMAN: Sure. And, you know,
3	the only thing I'm going to say, if we're going to
4	be in a spot where we raise the issue now, and it
5	seems to me it's going to be an issue in connection
6	with this, I would just say, if you need some time
7	and you want to see what the traffic consultant has
8	to say about it, if I were in your spot I would be
9	saying the same thing. The only thing that I would
10	ask in return would be, say if we take you know,
11	if we look at this, and by the end of the week you
12	say, "Well, this is" "this is going to be an
13	issue," and, you know, it doesn't seem to me that
14	there would be any harm in sending it.
15	But if you're not going to send it,
16	certainly there is no harm in extending us out past
17	the 15th of January so that we would have ample time
18	to study the the documents.
19	MR. ENGLER: Well, let me just respond that
20	the regulations are very clear:
21	"A board may request to review the pro
22	forma or other financial statements for a
23	project only after the following
24	preconditions have been met:

	15
1	"Other consultant review has been
2	completed" is number one.
3	CHAIRMAN SALTZMAN: Okay.
4	MR. ENGLER: So it hasn't been completed.
5	Mr. Houston is here. Our team is here. We're
6	certainly not hiding from it. We'll get to that.
7	CHAIRMAN SALTZMAN: Okay. And on that
8	front, we're going to be doing the traffic, what,
9	next time? Or is it the time after? I'm
10	MR. MAHONEY: I don't think we concluded.
11	I know the consultants have been in touch, and I
12	think our goal was to wrap it up as quickly as we
13	can.
14	CHAIRMAN SALTZMAN: On the 12th?
15	MR. MAHONEY: Yeah. That would be our
16	goal, yeah.
17	CHAIRMAN SALTZMAN: Okay. So we can keep
18	in mind all right. We can look at that for the
19	12th but that's if it would seem to me that,
20	you know, I would start thinking about it, because I
21	think it's going to be an issue.
22	MR. ENGLER: Fine.
23	MR. WITTEN: Mr. Chairman.
24	CHAIRMAN SALTZMAN: Yes, Mr. Witten.

MR. WITTEN: If I could, I guess two 1 2 comments. 3 One is Mr. Mahoney's surprised to hear of the left-turn lane. There is no surprise. 4 left-turn lane was baked into the project because of 5 the density. Mr. Dirk said on at least two 6 7 occasions, if not three, that the project, as proposed, required, necessitated the left-turn lane. 8 9 MR. MAHONEY: I was surprised to hear that, in his view, the left-turn lane, without it, would 10 11 result in a 120-unit project. MR. WITTEN: So the left-turn lane was part 12 13 of the 264-unit project. It was necessitated by the density, and Mr. Dirk testified that at 120 or 14 125 units, that would avoid the left-turn lane. 15 So you've had a chance to rebut that. 16 The second comment, Mr. Chairman, is 17 Mr. Engler selectively read a portion of the 18 regulations. The Board has done what the Board 19 20 needed to do. It asked for a alternative proposal 21 at a density consistent with Mr. Dirk's testimony. 22 The Applicant has said that would render the project 23 uneconomic. The Board is entitled to review the pro 24 forma.

1	There should only be one pro forma, and the
2	one pro forma should have been designed and edited 6
3	to 8 to 12 months ago, so there shouldn't be a
4	moving pro forma. Other people have gotten into a
5	lot of trouble with moving pro formas. So that pro
6	forma exists somewhere in the team's files, and the
7	Board is entitled to it if the Applicant is going to
8	say if the Applicant is going to say that
9	125 units renders the project uneconomic.
10	If that's the response, the Board is
11	entitled to a pro forma. The Board does not have to
12	wait until all the consultants' reports are in,
13	because by that time it would be, as the Chairman
14	said, the end of December. So the Board is
15	entitled, based on Mr. Engler's statement, to a
16	review of the pro forma.
17	MR. ENGLER: I'm reading the regs. I'm
18	just reading the regs.
19	MR. WITTEN: You're reading part of the
20	regs.
21	MR. ENGLER: Part of the regs, but that's a
22	very clear part.
23	By the way, the pro forma was turned in as
24	part of the site approval. It's a public document.

1	You have it. Mass. Housing has it. It's in our
2	application. So you're asking to see the pro forma
3	like it's a new document.
4	Mr. Witten has already said it's one pro
5	forma. We are entitled to modify it based on things
6	that we hear here about our project, but basically
7	there is a pro forma in the documents submitted to
8	the town. There it is. You've got it.
9	MR. WITTEN: Mr. Chairman, that pro forma
10	that Mr. Engler is referring to has already been
11	discredited by Mass. Housing where the site
12	acquisition value claimed by the Applicant has
13	already been disallowed by Mass. Housing. So one
14	would presume that there is another pro forma,
15	because that pro forma is off by a tune of
16	\$6 million.
17	CHAIRMAN SALTZMAN: So there would be an
18	adjusted pro forma
19	MR. WITTEN: One would hope so.
20	CHAIRMAN SALTZMAN: to say the least.
21	MR. ENGLER: Well, with the way it works
22	with Mass. Housing, as Mr. Witten knows, is you turn
23	in a site application before an appraisal is done,
24	and you're estimating what the land value might be

as of right. When you get that appraisal done, you can modify the pro forma.

We haven't gone to that trouble yet because we don't have to show it until we've really worked through this process. So yeah, there is one number that's not the right number. That's not to say the pro forma can't be looked at.

We're happy to talk about it. I'm not trying to make it like we're not, because certainly if we have to rest on the case that it's uneconomic, we will be defending that. So it's not the issue.

CHAIRMAN SALTZMAN: As much as we're happy talking about it, we would be much happier if it's produced.

MR. MAHONEY: There was a pro forma in the application. Maybe the first step would be to look at that. I mean, that's the pro forma that we submitted with this application. I don't have it in front of me.

20 CHAIRMAN SALTZMAN: It's two years old,
21 right? That one?

MR. MAHONEY: Yeah.

23 CHAIRMAN SALTZMAN: Okay. You would agree 24 that things -- things have changed?

20

1	MR. ENGLER: Yeah. They've gotten more
2	expensive. We could when the time comes, we will
3	look at the pro forma that we need to submit to you.
4	You're asking for it now. We'll talk about it. We
5	may get it to you in two days, or we may get it to
6	you after we've had some more discussion, but it
7	will get it will be given to you in adequate time
8	to review it with a consultant review and a
9	discussion before the end of the period.
10	CHAIRMAN SALTZMAN: Although I would agree
11	in most matters, I I would agree that delay is
12	preferable to error. In this case, if there is
13	delay, we will be asking for an extension at the
14	other end. You can talk about it longer if you want
15	to extend the time.
16	MR. ENGLER: We don't want to talk about it
17	longer.
18	CHAIRMAN SALTZMAN: All right. Well, talk
19	fast.
20	MR. ENGLER: We'll come to that. We'll get
21	back to that.
22	CHAIRMAN SALTZMAN: All right.
23	So, Mr. Cicatelli, I believe we're going to
24	be talking about storm water management.

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	21
1	MR. CICATELLI: Yes, Mr. Chairman. We have
2	Jim White from HW Moore. He's going to just
3	basically present a storm water overview for the
4	Board, and then after that we have Dennis Lowry to
5	basically give a wetland overview and address any
6	questions that the Board may have.
7	CHAIRMAN SALTZMAN: Great. Thanks.
8	MR. WITTEN: Mr. Chairman, could I just
9	make one comment for the record?
10	CHAIRMAN SALTZMAN: If you would.
11	MR. WITTEN: The Board is in possession of
12	Attorney Gallogly's response to Mr. Houston's
13	engineering report, just for the record, and I don't
14	know if the Board wanted to discuss that at all
15	or
16	MR. CICATELLI: Jim could discuss that
17	after the overview if you have specific questions,
18	certainly.
19	CHAIRMAN SALTZMAN: Sure. It might be
20	encompassed in the questions, sure.
21	MR. CICATELLI: Certainly.
22	MR. WHITE: Good evening. My name is Jim
23	White. I'm with the engineering firm HW Moore
24	Associates.

1 And I know at the last hearing I was at, we 2 went over the storm drainage system on the site, and there was several questions the Board had. 3 question was -- if I can get to the correct slide. 4 One of the questions was about the type of 5 soil that's on the site. We did numerous test pits 6 7 and borings on the project site, as shown on this plan. All of them indicated a sandy glacial till on 8 the site, with the exceptions of those done on the 9 10 hill which indicate an underlying bedrock, or rock. We did not find any peat in any of the soil testing 11 we've done -- we did on the project site. 12 13 CHAIRMAN SALTZMAN: What was the date of 14 your most recent test? MR. WHITE: We did some in the spring. 15 think it was April. 16 17 CHAIRMAN SALTZMAN: Okay. MR. WHITE: And another question was how 18 many gallons the storm water system holds, total 19 number of gallons, and it's 192,578 gallons. 20 21 it's --22 MR. ROTONDI: Would you repeat that? 23 MR. WHITE: Let me put my glasses on, make sure I'm reading this correctly. 24

1 It's 192,578 gallons, the total volume the 2 system holds, the storm water system holds, and 3 that's our five underground infiltration systems. CHAIRMAN SALTZMAN: Okay. And in three 4 5 sentences or less can you tell us how you reached that number? 6 7 MR. WHITE: Sure. And I would just show you some pictures of -- of what the system looks 8 9 like. 10 So what the system looks like is these 11 underground chambers. These chambers are about 30 inches high, 51 inches wide, and you line these 12 13 up as shown in the photos. It's a photo below, and that's an artist's rendering. You can see you line 14 them up in rows. You have crushed stone underneath 15 the system, put crushed stone around the system, and 16 you put crushed stone over the system. You surround 17 the whole system with a filter fabric, so none of 18 the sand can get in -- in the system. 19 CHAIRMAN SALTZMAN: What would be the 20 21 density of the stone on top? 22 MR. WHITE: The crushed stone, we use 23 porosity. The porosity is 40 percent. CHAIRMAN SALTZMAN: I guess, from the top,

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1	from the topsoil to the
2	MR. ROTONDI: Five feet. Five feet down.
3	MR. WHITE: The depth varies. Underneath
4	the pavement it's about two to three feet.
5	So we these chambers I'll go to the
6	next slide. This is one of our systems. It's
7	70 feet long, 35 feet wide. Each one of those
8	rectangles represents one of those sections of pipe
9	that's seven feet long.
10	As you can see, it's all surrounded with
11	crushed stone, and the whole all the crushed
12	stone is encased in a geotechnical fabric.
13	To answer your question regarding the
14	volume, we calculate how much volume is in each one
15	of those chambers. We calculate how much volume
16	would be in stone, and then that's our total volume
17	of water that the system holds.
18	CHAIRMAN SALTZMAN: And the crushed stone
19	is going to be stone that gets crushed on site?
20	MR. WHITE: No. That would be washed
21	crushed stone that we're bringing in from off site.
22	That would be a uniform stone that's been bought,
23	similar to a septic system stone that's been washed
24	and cleaned, so it doesn't have fines in it. We

bring it in from off site.

I would like to just briefly go over the storm water. At the last meeting we talked about on-site storm water. I would like at this time to talk about the watershed, because it's a rather unique system out there.

As you can see, this is the project site.

There is a drainage ditch that runs along the perimeter of the development area. Going back in history, and prior to 1935 -- let's see if I can get to that, that plan. Here it is.

Storm water ditches were excavated in the wetland area adjacent and on the Weiss Farm property. If you look at this, this is the Weiss Farm property. These are all, you can see in here, storm water ditches that run through. There is a culvert in this location. The Dunkin' Donuts is now right here. The high school is in this area. But back in 1935, it was mostly undeveloped land.

Storm water came off from the north, flowed in this direction in the wetland here, was intercepted by all these ditches and flowed out underneath Franklin Street, which is right here -- it says undeveloped land, but it's now the high

1 school. And from the high school down to Doleful 2 Pond. Doleful Pond is about a thousand feet south of the high school. The town obtained an easement 3 in 1935 from all these landowners to maintain these 4 ditches. 5 You can -- and you can still see the 6 7 ditches in aerial photos today if you go back and take a look at the aerial photos. 8 CHAIRMAN SALTZMAN: Now, Mr. White, is the 9 10 sketch of the Meeting House Brook, is that in 11 exactly the same spot it was? The brook hasn't changed any -- anything at all during that time? 12 13 MR. WHITE: It's a little hard to see on 14 this, but you can see on the aerial photos where those drainage channels are. There has been some 15 16 modifications because there has been a little bit of filling in in this area of the drainage channel. 17 The drainage channel used to go straight across 18 here, and now it goes up and around an area that was 19 filled in I believe back in the '70s or '80s. 20 21 you can still --22 CHAIRMAN SALTZMAN: That was -- was that 23 the Army Corps of Engineers earlier than that? Could that have been in the '50s? 24

1 MR. WHITE: I'm not sure. I don't know. 2 MR. DIAZ: Okay. 3 MR. WHITE: Just based on photos. But we've walked these. You can still see 4 all these drainage channels out here. There is 5 still remnants of the drainage channels in here and 6 7 water still flows through those channels. Unfortunately, those channels have not been 8 maintained. As any channel, you know, trees fall 9 10 down, branches fall down, leaves fill up. So not as much water flows out that way now as it used to, and 11 water has to get up to a higher elevation in order 12 to flow out that way. 13 So if you look at old photos of the farm, I 14 mean, this area was a farm field at one time. 15 It's now pretty much under water. 16 The other thing that's happened over the 17 years is you've had all this development upstream of 18 the project site. There has been no -- back in when 19 those areas were developed, there was no storm water 20 21 management. They just paved and the water just went 22 down. So it's been considerable increase in storm 23 water flowing into this large wetland area.

24

A little bit of history on Franklin Street.

1	Franklin Street was reconstructed in the early 1950s
2	and a culvert was put in in this location. Weiss
3	Farm found that their fields were flooding in the
4	spring because the culvert wasn't was put in too
5	high, so they installed a pump chamber, a pump
6	station, to drain those fields in the spring.
7	And and it's not clear if Army Corps or Weiss
8	Farm dug a drainage ditch around the farm area to
9	help drain the land.
10	CHAIRMAN SALTZMAN: What about the are
11	we looking at the original pump
12	MR. WHITE: The pump?
13	CHAIRMAN SALTZMAN: in the pump station?
14	MR. WHITE: I'm not sure if that's the
15	original from 1950, but the pump station is pretty
16	old. Yeah. We're talking about the same pump
17	that's there.
18	CHAIRMAN SALTZMAN: Did you get to take a
19	decent look at it? Could you tell?
20	MR. WHITE: Well, the pump's not the same.
21	The pump was replaced a few years ago. I don't know
22	if that shed is still there from back then or not.
23	But in any event, so in order to drain this
24	in the spring and if you go back and look at all

1 historic photos, you always see, as in this one, a 2 dark area where I'm circling. And that's the area near Franklin Street which every spring fills up 3 with water. 4 In 19 -- the early 1960s, over by Sunset 5 Road, a culvert was installed in this area. 6 7 culvert is actually higher than the outlet to the Franklin Street culvert, so water has to build up in 8 order to flow out, flow through the Sunset Road 9 10 culvert. 11 That culvert was also put in very flat, pretty much perfectly flat. The town wrote several 12 13 letters to the developer asking them to reconstruct the culvert, and that never happened. 14 So we have a culvert that doesn't work too 15 well in this area, an area that floods -- I'm 16 circling -- near Sunset Road, and an area that 17 floods, fills with water on the north side of 18 Franklin road -- Franklin Street. 19 20 CHAIRMAN SALTZMAN: Mr. White, I go back 21 far enough that when I was a child, that in the 22 winter, people would play hockey on Weiss Pond. 23 MR. WHITE: Yes. CHAIRMAN SALTZMAN: And that -- so what --24

```
1
    one question that I have is, I mean, isn't the
2
    purpose of the -- the pump to -- to clear that end
3
    of the property? Isn't that --
             MR. WHITE:
4
                         Okay.
             CHAIRMAN SALTZMAN: What's going on?
5
                                                    How
    come it backs up there in the spring still?
6
7
             MR. WHITE: Okay. Well, it's always backed
    up in the spring because the Sunset Road culvert,
8
9
    water backs up from Sunset Road and actually goes to
10
    Franklin Street.
11
             The pump station pumps to a trough, almost
    like a bathtub, and there is a pipe going out under
12
13
    Franklin Street. If the water on the other side of
    Franklin Street builds up, pumping into that trough
14
    doesn't do any good because water just spills out of
15
    the trough. So that's why, when you have high water
16
    almost every spring, water builds up on the other
17
    side of Franklin Street, water can't get through the
18
    culvert on Franklin Street, and you've got water
19
20
    ponding.
21
             CHAIRMAN SALTZMAN: On the -- on the pump,
22
    it's measured in, what, gallons per minute?
23
             MR. WHITE:
                         Yes.
             CHAIRMAN SALTZMAN: How many does this
24
```

```
31
1
    particular pump --
2
             MR. WHITE: About 500.
3
             CHAIRMAN SALTZMAN: About 500?
             MR. WHITE: Yes, 500, 550 gallons per
4
    minute.
5
             MR. ROTONDI: Well, I know one thing, the
6
7
    reason why the water don't drain that well is
    because it's zero gravity. It's almost flat, that
8
    brook, all the way into the culvert.
9
10
             MR. WHITE: Yes.
             MR. ROTONDI: Mike Finney owned the
11
    property behind there, and the town used to have to
12
13
    dredge that every year to lower it to make the water
14
    come down.
             MR. WHITE: Yeah.
15
                                 Yeah.
16
             MR. ROTONDI: Because it's almost zero --
    there is zero degrees.
17
             MR. WHITE: There is no elevation
18
19
    difference, yeah.
             MR. ROTONDI: That's why the water never
20
    used to go through the culvert, unless it would
21
22
    build up, and so it builds up all the way by --
             MR. WHITE: So it builds up, right.
23
             So once the water goes down on the south
24
```

	32
1	side of Franklin Street, they can turn the pumps on
2	and drain drain that area. That's what usually
3	goes on.
4	There used to be an earth dam here which
5	used to sort of force water back the other way. At
6	some point, that earth dam was removed. DEP came
7	in, I think it was 2007 I don't know, 2006 and
8	asked them to put in a a concrete dam. That has
9	been done. And that maintains a certain elevation
10	of water in this area and helps force the water back
11	to where it's supposed to go, back to the other,
12	larger culvert. It also maintains the water
13	elevation in the wetland area.
14	So that's just a brief overview of how the
15	overall water system works in that area.
16	CHAIRMAN SALTZMAN: Go ahead.
17	MR. SULLIVAN: Looking at your earlier one,
18	you have a culvert I don't know if you call it
19	Meeting House something or other?
20	MR. WHITE: Meeting House Brook.
21	MR. SULLIVAN: It goes northerly?
22	MR. WHITE: Yes. In this area.
23	MR. SULLIVAN: And where does that go to?
24	You've got the one where the easement, the

33 1 original easements are shown? One of your earlier 2 ones that it shows the culverts and the people that 3 gave the easements. MR. WHITE: Yes. Hold on a second and I'll 4 5 get to that one. Right there. MR. SULLIVAN: 6 7 So that, it says Meeting House Brook? MR. WHITE: Yes. It's North Meeting House 8 9 Brook. 10 MR. SULLIVAN: And where does that come from? 11 MR. WHITE: It starts in this wetland area. 12 13 Spring Lane is here. 14 MR. SULLIVAN: Right. And what's that behind the town of Stoneham? I can't read what that 15 Something "lateral ditch." 16 MR. WHITE: It probably says "lateral 17 ditch" on it. 18 Now, that lateral ditch runs 19 MR. SULLIVAN: all behind the Weiss Farm property, is that not 20 21 correct, and then it runs to the storm drain -- it 22 runs to the ditch, it runs down to Franklin Street. 23 MR. WHITE: These are different ditches. These were built in the 1930s. 2.4

	34
1	MR. SULLIVAN: Yeah.
2	MR. WHITE: The big ditches on Weiss Farm
3	property was built in the 1950s.
4	MR. SULLIVAN: Right.
5	MR. WHITE: So the Weiss Farm ditches
6	have like where my pointer is up in this area.
7	MR. SULLIVAN: They go into one another,
8	though.
9	There used to be three fingers on the Weiss
10	Farm. There was a ditch that come through
11	MR. WHITE: Okay.
12	MR. SULLIVAN: and then went over to
13	that preculvert, and then there was three fingers
14	there. And then it ran behind the whole Weiss Farm
15	project, and it was that lateral ditch right there
16	that ran down along Spring Lane used to go to the
17	left also. I'm pretty familiar with it. I lived
18	there for 55 years.
19	MR. WHITE: Yeah. I saw that in the older
20	photographs that there was
21	MR. SULLIVAN: Right.
22	And I just see this coming up north, the
23	property that I grew up at would be the property of
24	the Manning-Connors, and hence you have Sullivan

```
35
1
    Circle here thanks to my father.
2
             So those -- you're showing a swamp right
3
            I'm confused where that is.
    there.
4
             MR. WHITE: Okay. You want me to go back
    to the aerial?
5
             CHAIRMAN SALTZMAN: The circle there, above
6
7
    the Johnson property?
             MR. SULLIVAN:
8
                             Yeah.
9
             MR. WHITE: It shows up -- it shows up on
    the aerial plan. If I can go back. It's going to
10
11
    take me a second to go back there. I should have
    put these closer together.
12
13
             The swamp is up in here (indicating).
             MR. SULLIVAN: And it would be --
14
             MR. WHITE: So the swamp's up here, and
15
    this is hard to see, but there is ditches in here;
16
    there is ditches across there.
17
             MR. SULLIVAN:
                             Right.
18
             MR. WHITE: The main channel comes across
19
    here and then down -- there is Dunkin' Donuts in
20
21
    this location, down through this drainage channel,
22
    and then it goes underneath the school -- underneath
23
    the school, I think the ball field, football field,
    and down to Doleful Pond.
24
```

1	MR. SULLIVAN: So there is a swamp to the
2	left of the ditches that's not part of the ones
3	behind all that area? That's one big swamp back
4	there.
5	MR. WHITE: Yeah. This whole area that's
6	undeveloped is a basically a swamp that I'm
7	outlining.
8	MR. SULLIVAN: Now is the water supposed to
9	flow that way from Weiss?
10	MR. WHITE: Originally all this water in
11	this area flowed to this culvert. There is some
12	water in this area that likely flowed, you know, in
13	this location. There is a small culvert under
14	Franklin Street by the pump station.
15	MR. SULLIVAN: So the water in the north
16	area was flowing southerly, or was it southerly
17	flowing north?
18	MR. WHITE: It was all flowing southerly.
19	It was the water in this area was flowing through
20	these drainage channels underneath this large
21	culvert at this location. There was lateral ditches
22	in this area which flowed this way into this also.
23	So these ditches accepted the flow coming in from
24	the north. I'm not exactly sure historically what

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37
1
    was happening in this area (indicating).
                                               If this
2
    flowed, you know, through Weiss Farm --
3
             MR. SULLIVAN:
                            Yep.
             MR. WHITE: -- to Franklin Street or it
4
5
    flowed westerly.
             MR. SULLIVAN: That's where all the woods
6
7
    are back there?
             MR. WHITE: Yeah. This is -- this is all
8
9
    wooded.
10
             MR. SULLIVAN:
                             Yeah.
             MR. WHITE: As I said before, historically
11
    this used to be a farm field back here which is now
12
13
    under water. And this area here is -- is very, very
    wet, which used to be a farm field.
14
             MR. SULLIVAN: That's where the three
15
    fingers used to be.
16
             MR. WHITE: That's where the three fingers
17
    used to be.
                 That's correct.
18
19
             MR. SULLIVAN: Okay.
                                    Thank you.
             CHAIRMAN SALTZMAN: I have a question
20
21
    perhaps best answered by one of the gentlemen to
22
    Mr. White's east.
23
             Who is going to have ownership and
    management and control of the -- the pump?
24
```

	38
1	MR. MAHONEY: The Applicant would.
2	CHAIRMAN SALTZMAN: It would.
3	MR. MAHONEY: It would be part of the
4	parcel, yes. And I think did we submit our
5	maintenance plan?
6	We've already submitted, I believe, a
7	management plan for the pump station. It would be
8	part of our storm water obviously it's a key to
9	the storm water management of the property, so that
10	would be part of our storm water management plan.
11	CHAIRMAN SALTZMAN: What's the date of
12	that, so I'll know it when I see it?
13	MR. WHITE: I believe it was in June of
14	this year.
15	MR. MAHONEY: We can e-mail you the exact
16	date so you know the right one.
17	CHAIRMAN SALTZMAN: Sure. Was that
18	submitted to us, or would it have been submitted to
19	Conservation?
20	MR. WHITE: Originally submitted to the
21	Conservation Comission.
22	CHAIRMAN SALTZMAN: Okay.
23	MR. LOWRY: I believe July 9th.
24	MR. MAHONEY: I believe we submitted to the

39 1 Board --2 CHAIRMAN SALTZMAN: Does that refresh your 3 recollection? MR. MAHONEY: There was a lot of June and 4 July dates. We will make a point to send the e-mail 5 tomorrow to confirm. 6 7 CHAIRMAN SALTZMAN: That's great. Thanks. MR. WITTEN: Mr. Chairman, can I just add? 8 9 CHAIRMAN SALTZMAN: Yes. 10 MR. WITTEN: Mr. White, I think the Board 11 should have whatever storm water reports you've submitted to the ConCom that you want part of the 12 13 record here submitted individually. MR. WHITE: I believe we've submitted them 14 15 all. I mean, in the past -- what we didn't submit previously, we've submitted in the past -- within 16 the past week, so it's part of the response to 17 Mr. Houston's comments. 18 19 CHAIRMAN SALTZMAN: I'm sorry. Mr. White, did you send something during 20 21 the past week, you said? 22 MR. WHITE: Well, in response to

Mr. Houston's comments, I believe we submitted

additional information on the watershed.

23

24

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40
1
             CHAIRMAN SALTZMAN:
                                  Okay.
2
             MR. WHITE: And the pump station.
3
             CHAIRMAN SALTZMAN: Did you submit a
4
    report?
             MR. SHULMAN: Is it this that's in the
5
6
    packet --
7
             MR. WHITE: Yes.
8
             MR. SHULMAN: -- that we just have?
9
             MR. ROTONDI: For tonight.
10
             MR. WITTEN: Mr. Chairman, I think maybe
11
    just to clarify:
             Mr. White, we have -- the Board received a
12
13
    letter from Rackemann, Sawyer, Brewster with three
    attachments -- four attachments, including one page
14
    from your office. So one of those attachments is
15
16
    the June 10th watershed study.
17
             MR. WHITE:
                        Yes.
             MR. WITTEN: The other is the storm water
18
    management standard calculations from your office,
19
20
    HW Moore. And then there is a single-page storm
    water runoff table, and then there is an O&M
21
22
    schedule, and then there is the storm water pump
23
    station report. And those were all part of what we
    received from Rackemann, Sawyer.
24
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	41
1	MR. WHITE: That's correct.
2	MR. WITTEN: And all of those reports were
3	done previously for the Con.Com.?
4	MR. WHITE: The pump station report and the
5	watershed report were.
6	CHAIRMAN SALTZMAN: Mr. White, in
7	connection with the storm water management standard,
8	the date of that is it was revised the third week
9	of September.
10	Can you just explain what revisions would
11	be in here that wouldn't have been submitted
12	already?
13	MR. WHITE: Well
14	CHAIRMAN SALTZMAN: Are there calculations
15	changed or things of that nature?
16	MR. WHITE: Yes. Updated the calculations
17	that were submitted in our April storm water report
18	to increase the amount of recharge in accordance
19	with DEP to increase the amount of storm water
20	recharge in accordance with DEP storm water
21	requirements.
22	MR. WITTEN: Could I ask, Mr. Chairman?
23	As you know, Mr. White, the Conservation
24	Comission order of conditions is under appeal. Your

42

	42
1	client has brought an appeal of that.
2	Have what is under appeal, those
3	calculations, have those numbers changed? In other
4	words, the superseding order of conditions that
5	you've requested overturning the Conservation
6	Comission's order of conditions, the order of
7	conditions was based on the materials that you
8	submitted as part of the Notice of Intent process.
9	Have the calculations changed since you've
10	taken the appeal to the superseding order?
11	MR. WHITE: Yeah. We sent in a response to
12	Mr. Griffin's letter to the DEP.
13	MR. WITTEN: Is this after the appeal was
14	taken?
15	MR. WHITE: Yes.
16	MR. WITTEN: So has the Conservation
17	Commission received these updated calculations?
18	MR. MAHONEY: I believe so. I believe they
19	were copied on correspondence to the DEP.
20	MR. WITTEN: Mr. White, are there any other
21	updates?
22	MR. WHITE: Not that I know of.
23	MR. WITTEN: From well, they were
24	prepared by your office.

43 1 MR. WHITE: As far as -- no. The DEP, no. 2 MR. WITTEN: Thank you. 3 CHAIRMAN SALTZMAN: Any -- any other questions from the Board? 4 Very much out of order, but I will take any 5 questions from the public. 6 7 Ms. McBride from Conservation. MS. McBRIDE: Ellen McBride, 30 Butler Ave. 8 9 And I am speaking as a member of the Conservation 10 Comission. 11 Long time, no see. So I just want to clarify what just -- I 12 13 just heard. We denied the project partly because of the storm water -- we -- our peer review did not 14 15 feel the project met storm water requirements, and so now you're saying you've -- I'm going to use the 16 wrong terms -- but changed those calculations to 17 meet what he recommended or -- and I don't remember 18 getting a copy. Maybe Cathy just -- I know Cathy's 19 20 been extremely busy lately, but can you tell us when 21 you sent the revised storm water calculations to the 22 Conservation Comission? 23 MR. MAHONEY: We don't have the exact date. We could follow up with the date. 24

	4.4
	44
1	MS. McBRIDE: Okay. But can you answer the
2	other question? What were the changes you made and
3	what prompted those changes?
4	MR. WHITE: Mr. Griffin came back and noted
5	that we were the volume was less than what was
6	required under the under the DEP standards.
7	MS. McBRIDE: He came back when?
8	MR. WHITE: I received a letter from him.
9	I don't know an exact date.
10	MS. McBRIDE: I mean, before we denied it
11	or after we denied it?
12	MR. WHITE: After you denied after you
13	denied, I received a letter from him. And you
14	you received that letter, also.
15	MS. McBRIDE: I'm not quite sure why he
16	would send you a letter after we denied the project.
17	MR. GALLOGLY: The letter went to DEP.
18	MR. MAHONEY: Just to clarify, he sent the
19	letter to the DEP with a copy to us.
20	MR. WHITE: So I responded to that letter.
21	MS. McBRIDE: Okay. Got you. All right.
22	But you couldn't respond to his changes
23	when you were before us?
24	MR. WHITE: He didn't respond to our

45 1 information until afterwards. That was the first 2 time I received that response -- that was the first 3 time I received that response from him. MS. McBRIDE: I think I'm confused. 4 We needed more information from you in July. 5 MR. WHITE: No --6 7 MS. McBRIDE: We requested -- let me finish, please. 8 9 MR. WHITE: Okay. 10 MS. McBRIDE: We requested more information 11 from you. On July 9th you requested that we close the public hearing, if I'm not mistaken. We offered 12 you a recess so you could think about it because we 13 didn't have all the information we needed, and you 14 came back and said, "No, we still want to close the 15 16 public hearing, " which left us in the hole as far as information, if I'm remembering correctly. 17 MR. CICATELLI: Mr. Chairman, this matter 18

MR. CICATELLI: Mr. Chairman, this matter is under appeal, and I don't think this is the appropriate forum to discuss the matters before the DEP. Additional information --

19

20

21

22

23

24

MS. McBRIDE: No. I just want to say

Mr. White had said he sent information to the

Con.Com., and I don't remember us getting it. So

```
1
    when you clarified it, Peter, that it went to DEP
2
    and not to us, I think that helps. But I just
3
    wanted to ask the question: What were the changes?
             MR. WHITE:
                         Okay. I think I answered that.
4
             And I think at the hearing you referred to,
5
    Mr. Griffin said he hadn't had a chance to look at
6
7
    our information that we had sent to him.
             CHAIRMAN SALTZMAN: Just on that front,
8
    Mr. White, can you tell us exactly where we could
9
10
    find the recalculations that you made in this report
    that you have now submitted, we're seeing now
11
12
    tonight?
13
             MR. WHITE: I think it's -- it's listed as
    the DEP standard. It's a -- it's a volume
14
    calculation. DEP requires a certain --
15
16
             MR. SULLIVAN: Here.
17
             MR. WHITE: Yes.
             CHAIRMAN SALTZMAN: The storm water
18
    management standards, right; is that the one?
19
20
             MR. WHITE: Yes.
                               That's the one.
21
             CHAIRMAN SALTZMAN:
                                  What page?
22
             MR. WHITE: The first page shows the volume
23
    we're providing meets the volume required under DEP
    for storm water recharge at the bottom of the page.
24
```

	47
1	CHAIRMAN SALTZMAN: Okay. And just so that
2	I understand this, in the body of this, this has
3	been recalculated.
4	Has there been any change in the storm
5	water management that gets us these numbers as
6	opposed to any earlier numbers?
7	MR. WHITE: We we changed one invert
8	elevation on the plan. I think we have a sketch in
9	the back of that showing one elevation changing in a
10	pipe.
11	CHAIRMAN SALTZMAN: Okay.
12	MR. WHITE: And that brought us to the
13	correct volume.
14	CHAIRMAN SALTZMAN: What page would that be
15	on?
16	MR. WHITE: The last page.
17	CHAIRMAN SALTZMAN: Okay.
18	MR. WITTEN: So, Mr. White, on the HydroCAD
19	graphs, there were no no other changes, no
20	changes at all?
21	MR. WHITE: No. We changed one invert of a
22	pipe, so we provide the new HydroCAD calculations to
23	show we changed the invert of the pipe, and there
24	was no adverse impacts in the storm water.

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48
1
             MR. WITTEN: So the -- so, Mr. Chairman,
2
    could I just maybe ask for clarification?
3
             CHAIRMAN SALTZMAN:
                                  Sure.
             MR. WITTEN, so Mr. White, the cover sheet
4
    we're looking at, storm water management standards,
5
    first page -- do you have a copy?
6
7
             MR. WHITE:
                         No, I don't.
8
             MR. SHULMAN: Beat me to you.
             MR. WITTEN: So the first page is Standard
9
10
    Number 3?
11
             MR. WHITE: Yes.
             MR. WITTEN: And it has a revision date of
12
13
    9/21/15?
14
             MR. WHITE: Yes.
             MR. WITTEN: Could you identify for the
15
    Board what has changed on that first page?
16
             MR. WHITE: What changed is -- is -- we
17
    have -- at the bottom of the page we have
18
    infiltration systems A, B, C, D and E. Those
19
    numbers were updated, and especially with -- some of
20
    them were updated by a few CFS; some were -- some
21
22
    didn't change at all.
23
             The major change was infiltration system E
    where we changed an invert elevation of the outlet
24
```

	49
1	pipe by a few inches, and that gave us the required
2	amount of volume that the DEP requires for storm
3	water recharge.
4	MR. WITTEN: And then on the second page,
5	are there any changes?
6	MR. WHITE: The second page
7	MR. GALLOGLY: Excuse me, Jim. I think
8	this is part of the superseding order request and
9	it's not germane to what the Board's discussing
10	right now.
11	MR. WITTEN: Well, Mr. Chairman, this is an
12	attachment to Attorney Gallogly's response
13	MR. GALLOGLY: Gallogly, by the way.
14	MR. WITTEN: Gallogly's response to
15	Mr. Houston's engineering report.
16	So you've submitted it as part of the
17	record, and Mr. White's just discussed it in front
18	of the Board, and he has revision dates on it which
19	postdate the Con.Com.'s order of conditions
20	discussion.
21	And I think the Board's entitled to a fair
22	question, which is what in this package is different
23	from what the Con.Com. reviewed?
24	MR. WHITE: Sure.

1 So if you look at the next page, that's --2 it's a summary for infiltration system A, and it 3 goes through a calculation of how we arrived at the volume for infiltration system A. And then we have 4 5 the next page. MR. WITTEN: Are there changes on the 6 7 second page from what was submitted to the Con.Com.? MR. WHITE: I would have to look and see 8 9 what was submitted. I believe -- I have to see what 10 was submitted to the Con.Com. because it's the 11 April 6th report. MR. WITTEN: Well, Mr. Chairman, not to 12 13 make Mr. White painfully go through every page here, but I think the Board is entitled to know --14 Mr. Houston, who is reviewing this on behalf of the 15 16 Board, is entitled to know what in Rackemann, Sawyer's submission is different from what is on 17 file with DEP and is subject to the superseding 18 19 order. MR. WHITE: This is what's on file with 20 21 DEP. 22 MR. WITTEN: But the Conservation --23 CHAIRMAN SALTZMAN: Would it make some sense here for a -- for an additional copy to be 2.4

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1	submitted just indicating where the changes are?
2	MR. WHITE: Sure. That would make it much
3	easier.
4	CHAIRMAN SALTZMAN: Would that do the trick
5	so that everybody knows what we started with and
6	where we are now?
7	MR. WHITE: Yes. That would really be
8	helpful.
9	CHAIRMAN SALTZMAN: If that could be done
10	at the earliest possible time.
11	MR. WHITE: There is not much changes
12	except we changed one pipe by a few inches.
13	CHAIRMAN SALTZMAN: Sure. And emphasize
14	what happened on the last page as well.
15	MR. WHITE: Sure.
16	CHAIRMAN SALTZMAN: Okay. And if you could
17	just have just to make it a little easier on
18	everybody, if there could just be a reference on the
19	first just attach a sheet indicating where they
20	are.
21	All right?
22	MR. WHITE: Sure.
23	CHAIRMAN SALTZMAN: As well.
24	MR. WHITE: Okay.

1 MR. VERNA: They said that about the Big 2 Dig, too, but -- okay. 3 CHAIRMAN SALTZMAN: Sure. MR. WANTMAN: Martin Wantman, 20 Gerald 4 Road; long-time abutter to the property. 5 The earthen check dam that was mentioned 6 7 was last used in 2004. It was located just north of my property. And it worked absolutely, as the 8 material was placed into the ditch, and stopped the 9 10 water from coming from the north to the south so that the pump could catch up with the amount of 11 water that was coming from the north, and it could 12 13 be pumped across Sunset Street. The question is, considering that most of 14 the people who have been on the site visit and the 15 16 Conservation, and Corcoran has acknowledged that the concrete check dam -- or weir, as it is sometimes 17 called -- that is in essentially a similar location, 18 just maybe 20 or 30 feet north of where the earthen 19 check dam used to be, is leaking, and the flooding 20 21 incidents have been severe and repetitive when we're 22 not in a time of drought. 23 Would you consider reinstalling an earthen check dam that really took minutes to maintain and 24

1 worked absolutely instead of the concrete weir that 2 has failed since day one and is still failing? 3 CHAIRMAN SALTZMAN: Thank you. MR. WHITE: The concrete dam was put in per 4 a consent decree order with DEP. 5 Sorry. We plan on -- it is correct there is a leak in the dam right 6 7 Also the dam has settled. We propose on correcting that leak and resetting the concrete 8 blocks to -- to the correct elevation to bring it up 9 to where -- you know, make it work the way it's 10 11 supposed to be working. CHAIRMAN SALTZMAN: So the -- the earlier 12 13 solution that -- that Mr. Wantman referred to, has that been something considered and rejected? Or is 14 that something that's still a possibility? 15 16 MR. WHITE: I think it works the same. Ιt stops water. It forces water to go through the --17 the westerly culvert rather than down toward the 18 Weiss Farm pump house. They both work the same. 19 Ιf the check dam is operating properly, if it's at the 20 21 right elevation, if it's not leaking, it will work 22 exactly the same as an earth dam would work. 23 know, one's concrete; one's earth, basically. Is the problem the fact 24 CHAIRMAN SALTZMAN:

1 that the pumping station doesn't always pump out 2 500 gallons a minute? Is that part of the problem 3 here? MR. WHITE: No. I -- I mean, there is a 4 couple of problems, I think. One is the check dam 5 isn't working properly, so more water is going down 6 7 there than it should. The Sunset Road culvert, as I mentioned, I 8 think that needs to be cleaned out. I did talk to 9 10 the public works director. He didn't think it would 11 help, but I really think that would help. sediment downstream of the Franklin Street culvert 12 13 should be cleaned out. 14 The Meeting House Brook stream, we walked that site -- and we include pictures of it in the 15 16 report -- there are branches and trees falling down blocking flow. If those branches and trees were 17 cleaned out, that would certainly help the drainage 18 in this area. 19 20 CHAIRMAN SALTZMAN: But I'm -- just back to 21 the pump. What sort of repair is that in right now? 22 Does it need work? 23 MR. WHITE: The pump is -- right now it needs work in that it's not -- I mean, you know, 24

1 some rusty stuff, and the controls are hard to get So we've proposed on putting new controls in, 2 making it more accessible. It's working, but it 3 doesn't work when the Sunset Road culvert backs up, 4 and there is nothing you can do about that. You 5 can't -- if you pump over the road, all you're going 6 7 to do is flood those people down by Sunset Road. when Sunset Road culvert backs up, the culvert that 8 was put in very high and flat, the pump is just 9 turned off because it doesn't do -- it doesn't work. 10 It doesn't do any good --11 CHAIRMAN SALTZMAN: What about -- now you 12 13 said something a minute ago about it being accessible or inaccessible. 14 15 What's the story there? MR. WHITE: The controls. Only that you 16 have to kind of step over -- you know, it's old. 17 The thing's old. So what -- normally what you do is 18 put the controls in the place right now, they're in 19 the building and you have to kind of step on the 20 weir and go in there. It's a lot easier for someone 21 22 if they're outside of the building on a panel board. 23 If they had, you know, an alarm light, it had -- you know, it had modern controls. 24

	3 ,
1	The controls on the pump are not modern.
2	They're sort of you know, there is an on-and-off
3	switch. There is floats, so it does turn on and off
4	with the water height, but it's it's not to
5	today's standards. So we would want to update that.
6	CHAIRMAN SALTZMAN: If we went down there
7	now
8	MR. WHITE: Yes.
9	CHAIRMAN SALTZMAN: I mean, maybe not now.
10	MR. WHITE: Yes.
11	CHAIRMAN SALTZMAN: But earlier in the day
12	before it started raining, would the pump station be
13	dry? Would it be something we could work on if
14	there was something that needed fixing?
15	MR. WHITE: Oh, yes. Yes.
16	CHAIRMAN SALTZMAN: It's not flooded?
17	MR. WHITE: No. No. The pump house
18	wouldn't be flooded right now.
19	CHAIRMAN SALTZMAN: Mr. Wantman, one other
20	question, and then we're going to move on, I think.
21	MR. WANTMAN: This is actually a very
22	important question that I forgot.
23	Would you happen to have a pictorial of the
24	1946 drawing of Weiss Farm that you had with the

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1	ditches, the original ditches?
2	MR. WHITE: The 1935?
3	MR. WANTMAN: 1946. It was Weiss Farm.
4	MR. WHITE: I don't have it.
5	MR. WANTMAN: The point that I'm going to
6	make is that the main ditch, the ditch that was
7	installed prior to the changes that were done in the
8	1950s, the main ditch was actually gifted away by
9	Weiss in 1964 to the then synagogue, which is now
10	a
11	CHAIRMAN SALTZMAN: Teachable Moments.
12	MR. WANTMAN: school.
13	CHAIRMAN SALTZMAN: Yeah.
14	MR. WANTMAN: That main ditch, in your
15	depiction of conditions of abutters, is not in
16	existence. And the water used to flow past my
17	tennis court, going south to that main ditch, and
18	then take a right-hand turn to go to the pump. And
19	now it flows from the pump area towards my property,
20	and takes a right-hand turn and goes around the
21	corner.
22	So my suggestion would be to urge you to
23	contact the owner of the school and see if you can
24	arrange to clean out the main ditch going from the

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    north to the south abutting Gerald Road.
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             CHAIRMAN SALTZMAN: All right. Maybe we
3
    might be wise to take a five-minute break --
             MR. CICATELLI: Sure, Mr. Chairman.
4
             CHAIRMAN SALTZMAN: -- just resume in a
5
6
    minute.
7
             (Recess)
             CHAIRMAN SALTZMAN: All right. We'll come
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9
    to order now and resume.
10
             Mr. Cicatelli.
             MR. CICATELLI: Mr. Chairman, if you like,
11
    we could have Dennis Lowry just give a wetland
12
13
    overview.
14
             CHAIRMAN SALTZMAN:
                                  Great.
             MR. CICATELLI: Which sort of might tie in
15
    to what we were just discussing.
16
             CHAIRMAN SALTZMAN: Welcome to the Board of
17
    Appeals, Mr. Lowry.
18
             MR. LOWRY: Thank you very much.
19
             For the record, my name is Dennis Lowry.
20
    I'm a wetland ecologist with AE Com out of
21
    Chelmsford, Massachusetts. I've been a practicing
22
23
    wetland ecologist for over 30 years. I've got a
    bachelor of science in biology from Tufts University
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1 and a master of science in wetland ecology from 2 University of Rhode Island. 3 So what I would like to offer is my perspective and my experience on the site relative 4 to wetlands, a lot of which you've already been 5 discussing here this evening, which obviously are 6 7 closely related to the drainage conditions. I'll call your attention to the plan up on 8 9 the board here with Franklin Street --10 CHAIRMAN SALTZMAN: Mr. Lowry, if you could 11 speak slow. We're just grasping this an inch at a 12 time. 13 MR. LOWRY: I thought you wanted to get out 14 of here quick. That's tomorrow night. 15 MR. ROTONDI: No. 16 MR. LOWRY: So the right of the site -- of the slide is Franklin Street. The wetlands on this 17 slide are defined in the red line here. 18 And when I use the term "wetland," I will 19 speak broadly. Under the Massachusetts Wetlands 20 Protection Act wetlands are defined as a series of 21 22 resource areas, one of which is bordering vegetated 23 wetlands, which most of these wetlands in the

northern part and the eastern part of the site are.

24

There are also resource areas called land subject to flooding, which is a floodplain, land under water and bank, which are related to streams.

The limit of resource areas on this site had been defined in a -- in a issuance of an Order of Resource Area Delineation by the Conservation Commission back in February of 2012. So essentially in late 2011, the Commission started the review of an Abbreviated Notice of Resource Area Delineation which defined the resources on the site. The Conservation Comission hired a peer review, a professional wetlands scientist at the time, to help them review those designations. And ultimately, in February of 2012, they issued a -- what's called an ORAD, an Order of Resource Area Delineation, which documented the limits of the resource areas by and large.

The exception to that was they did not define the limit of bordering lands subject to flooding or the 100-year floodplain, and they left that open.

So when we started this project, we -those determinations were still valid. They were
still legally binding in terms of the limit of

resource areas on the site. And so those resource area delineations and extent have been held forward in terms of the design of this project and in looking at compliance with the Wetlands Protection Act.

We did go forward, at the request of the Conservation Comission, to define the limit of floodplain on the site, or the bordering land subject to flooding. And in a case like this, where there is no defined floodplain from FEMA, the Massachusetts regulations tell you to look at the maximum lateral extent of flooding on the site from observed conditions.

So that was used in this case. It was defined at elevation 163.6 and plotted on the plan. And it roughly follows the wetland line, especially in the southeast part of the site. The wetland limit generally runs from about elevation 163 up to about elevation 165 in various portions of the site.

So if you look at the general gradients here, the swamp in -- in the northern part of the site is about at elevation 162. The culvert under Franklin Street at the pump station that Mr. White has talked about is at about 160.7, I believe, 1 --

160.1, but it's defined by actually the -- the elevation of the culvert further downstream, which is 160.7.

So as we've talked about, it's a very flat gradient through here. And so there is only two feet of pitch or so from the northern swamp area down to the culvert under here, and that western culvert over by the high school is about at that same elevation of just over 160.

So it's a very flat, gentle gradient. It's an area of high ground water. Ground water tables are about those same elevations, 160 to 162, and that's why there are wetlands on the site. That's why there are streams that try and drain from the site because it's a high ground water table, and that's what gives rise to wetland conditions.

The ditches that were dug going back into the 1930s or so, the ones we saw relative to Meeting House Brook, those are shown up in this portion of the slide. And then in the 1950s, when the Corps of Engineers dug the big ditch around, you know, in the western, the northern and eastern parts of the site, all of those are attempts to try to help drainage get off of the site a little bit more expeditiously

than they would with just vegetated wetland. They work only so much because the gradients are so flat. So basically the water stage needs to build up before it can start to flow off the site.

The pump station down here really only operates when the water tables get above the invert elevation of the culvert. So it really only starts to work above, say, 161, and it's -- it's -- it was really put in to try and drain this water down when it gets up to about 162 1/2 down to that elevation of 161 1/2. So it really only works in a limited area.

Other than that, you still have high ground water table; you have wetlands, bordering vegetated wetlands; you have the floodplain, and these areas are protected because they are wetland resource areas under the protection of the Massachusetts Wetlands Protection Act.

In our design of this project, we looked at the local standard in terms of setbacks from those resource areas, and the local bylaw says they are looking for a 25-foot setback from the limits of the wetlands, and that's defined by this green line here, which is just up gradient of the red line. So

this project proposes no activities within any wetland resource area, including the floodplain, nothing within bordering vegetated wetlands, nothing within the defined streams or banks, and nothing within the 25-foot setback from those resource areas.

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So there are no performance standards for work within buffer zone, which essentially this is what's considered a buffer zone project.

So we are fully in compliance with all performance standards, all requirements of the Wetlands Protection Act. And as Mr. White has defined and explained, the storm water management system -- which becomes the focus of a project which is in the buffer zone -- is fully compliant with the -- with the Massachusetts storm water standards, and basically those standards are looking at the -- at the peak rate and the quality of storm water runoff from a site. It wants to make sure that you're not increasing the peak rate, and you're not aggravating the quality of the water running off the site under the proposed development conditions.

And, in our view, the storm water management design has fully complied with those

1	standards, and that's under review by the DEP right
2	now. There has been, obviously, about six or seven
3	months of back and forth between Mr. White's firm
4	and the peer reviewer for the Conservation Comission
5	over some of the details of that storm water plan,
6	but we are very confident that it is in compliance
7	with the storm water standards and that that will be
8	upheld through the review with the DEP.
9	So that's a quick overview.
10	CHAIRMAN SALTZMAN: On the other side of
11	Franklin Street
12	MR. LOWRY: Yeah.
13	CHAIRMAN SALTZMAN: is that the is
14	that also a resource area?
15	MR. LOWRY: Yes, it is. Absolutely.
16	CHAIRMAN SALTZMAN: So so it would be
17	necessary not just to protect the wetland on the
18	site but also this other resource area?
19	MR. LOWRY: Yes.
20	CHAIRMAN SALTZMAN: So is it not a problem
21	now and certainly it's my understanding that
22	there was a DEP order, a consent decree that was
23	entered into in 2005 or 2006.
24	MR. LOWRY: There were two separate ones,

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1
    yes, sir.
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             CHAIRMAN SALTZMAN: Right. And the 2006
3
    did -- it's my understanding -- and I'll, for the
    moment, defer to you until I can get my hands on a
4
    report -- but it's my understanding that the --
5
    the -- the owner entered into that and was found in
6
7
    2011 to be in noncompliance with that 2006 consent
8
    decree.
9
             Is that fair to say?
10
             MR. LOWRY: It's been many months since
11
    I've looked at the consent decree, so I think that
    that's not inconsistent with my recollection of
12
13
    that.
14
             CHAIRMAN SALTZMAN: Okay. And part of the
    reason for these consent decrees is the protection
15
16
    of the wetlands. Obviously DEP is -- is involved in
    that, and they're the ones that entered into these
17
    consent decrees.
18
             So we've got the 2011, and I'm -- I believe
19
    that the -- the owner is not in compliance with the
20
21
    2011 decree. Is that -- is that your recollection
22
    as well?
23
             MR. LOWRY: Well, let me put it this way:
             I haven't seen any recent activity from
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1 DEP, you know, in a number of years relative to 2 those consent decrees. So I'm not sure at this point, you know, what -- I think there were issues 3 relative to erosion from the site into resource 4 areas, so kind of going at water quality within the 5 wetlands. That was a focus of DEP's actions. 6 7 But I -- but I -- again, I haven't looked at them for some time. 8 9 CHAIRMAN SALTZMAN: Let me ask you this: Is there any evidence since 2011 on that 10 11 site that the current owner did anything in response to what appears to be further conditions added to 12 13 the 2006 decree? I mean, there is no major change to the property? There is no -- there is nothing 14 that would suggest the water is moving in any 15 16 different direction? 17 MR. LOWRY: Correct. CHAIRMAN SALTZMAN: If anything, it seems 18 19 to be more water, not less. I'm just trying to cut to the chase here if 20 21 I could. We have two existing consent decrees, one 22 that merged into the next, and we appeared to be in 23 noncompliance with the Wetlands Act going back approximately nine or ten years. 24

1 MR. LOWRY: I mean, I guess I'm not 2 prepared to say one way or the other on the facts of 3 that matter in terms of the compliance with the Wetlands Protection Act. 4 I mean, this is an agricultural activity. 5 There are agricultural exemptions, so it gets fairly 6 7 complicated in terms of compliance or noncompliance. CHAIRMAN SALTZMAN: And I would submit that 8 9 that's very true. And notwithstanding the fact that 10 there is a fair amount of slack being cut to farms, 11 we still have two consent decrees, one more stringent than the previous, and we don't seem to 12 13 see any evidence at all of compliance with either one of them. And I would just submit that the 14 wetlands -- you know, you come to a situation where 15 16 the wetlands seem to be suffering, and I don't know that there is anything -- and what I'm hearing --17 Go ahead. 18 MR. LOWRY: Yeah. 19 CHAIRMAN SALTZMAN: I see the smile. 20 MR. LOWRY: First of all, in terms of 21 22 activities, I mean, the current owner has been 23 replacing hay bales and erosion control measures around the limits of the wetlands in the year and a 24

half since I've been looking at the site, so there have been activities that have been done by the current owner that are a reflection of the requirements of those consent orders, those consent decrees.

And I would -- I would also say, from my perspective as a wetland ecologist, the wetlands on this site are extremely healthy. They're very vigorous. They're prolific. You know, there is no lack of hydrology to drive good wetland conditions on this site, which is really what -- what drives wetlands.

I mean, if you look at the wetland down in the southeast corner, it's a very productive shallow marsh community. It's a highly valuable wetland. It's doing what it's supposed to do in an area that has a high ground water table, that's subject to flooding, and it's doing all the things that wetlands are protected -- protected to do under the Wetlands Protection Act.

CHAIRMAN SALTZMAN: Now -- but one of the issues obviously during the course of the last several years, you've heard people get up and say that the water is -- has altered its course and

instead of heading downstream, it's heading into people's basements.

I heard Mr. Wantman. I don't see that there is any reason to doubt what he's saying. I'm just asking that's -- that's certainly not an intended result here, correct?

MR. LOWRY: From my perspective, looking at the record of this landscape since the 1930s, and looking at what was done in Meeting House Brook area in terms of ditches back at that time and done by the Corps of Engineers in the 1950s, this area has had similar drainage issues since that time. I mean, it's a high ground water table area, and when you build in close proximity to those high ground water tables or areas which are subject to flooding, you have associated issues with development in those areas.

And that's why this particular project is not doing that. It's completely out of those flood prone areas; it's completely out of the wetlands; it's above the ground water table. So it's designed appropriately, and I would submit that if most of the other development in the area had been designed similarly, then you wouldn't have these kind of

1 conflicts between drainage, flooding, high ground 2 water table and development. 3 CHAIRMAN SALTZMAN: It's never good to be It's never good to be last. 4 last. MR. LOWRY: Right. 5 But all you can do is design to the 6 7 required standards, which is what this project is doing. And it's also made commitments to -- to 8 assist in some of the -- quote, unquote --9 10 "problems." And, again, I look at this as a wetland 11 ecologist, and I say this is no more of a problem than building in the flood plain of the Merrimack 12 13 River is a problem. I mean, if you build in those 14 flood prone areas, then you're going to have problems. But if you don't, if you design your 15 16 project appropriately in the uplands and out of the flood plain, then you don't have those problems. 17 And so as part of the review with the 18 19

And so as part of the review with the Conservation Commission, commitments were made as part of -- contingent upon approval under the Wetlands Protection Act -- by the Applicant to make sure that the pump station works, to make sure that the weir is reconstructed to a state of functionality that would allow a little better

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1 operation of the -- of the pumping down of that southeast corner. 2 3 We can't pump it down completely, because that's a violation of the Wetlands Protection Act as 4 well. You've got to find a balance between 5 addressing those drainage issues and maintaining 6 7 wetlands in an unaltered state in terms of the Wetlands Protection Act. So you've got kind of 8 competing interests there. 9 10 But again, this project is fully compliant with the Wetlands Protection Act and I think has 11 gone beyond the required standards in terms of 12 13 looking at issues associated with the pump station, and the weir, and also providing a monetary donation 14 to -- to work on some of the ditches in the area 15 to -- to kind of remove vegetation so that they can 16 operate a little bit more efficiently. 17 MR. WITTEN: Mr. Chairman. 18 19 CHAIRMAN SALTZMAN: Sure. 20 MR. WITTEN: Could I just maybe add a 21 couple of things to the record: 22 The Conservation Commission obviously 23 disagreed with Mr. Lowry, and now it's up to DEP to determine, and perhaps the courts, as to whether

24

this project complies with the Wetlands Protection

Act.

I think the second comment is Mr. Lowry referred to the local bylaw, compliance with the local bylaw. But the record's clear that the Applicant refused to file under the local bylaw. The Conservation Commission issued a denial under the local bylaw, so at least, as we sit here today, there is no compliance with the local bylaw.

That decision to deny under the bylaw was not appealed by the Applicant, so that decision has been recorded.

MR. LOWRY: I think the point is, is we've made sure that things are pulled back from the edge of the wetlands by the 25-foot, which is the local -- locally desired setback distance, and that was the intent of doing that.

MR. WITTEN: And then the third thing,
Mr. Chairman, just in response to Mr. Lowry's
comments, is with regard to the consent orders, the
Conservation Comission issued an enforcement order
with a compliance date of September 30th, 2015. The
landowner has appealed the Conservation Comission's
decision, and the Conservation Comission has filed a

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1	counterclaim seeking enforcement.
2	So that matter will be adjudicated by
3	another body in another forum.
4	CHAIRMAN SALTZMAN: So that's a live
5	question.
6	MR. WITTEN: But that is very much a live
7	question as to whether or not the enforcement order
8	issued by your Conservation Comission is going to be
9	complied with. Because the Con.Com. concluded that
10	there wasn't compliance with the consent order and
11	that there wasn't compliance with the Wetlands
12	Protection Act local bylaw.
13	So that matter is is teed up now in
14	superior court.
15	CHAIRMAN SALTZMAN: Thank you.
16	MR. GALLOGLY: Mr. Chairman, can I just
17	respond.
18	We're not the landowner. The enforcement
19	order was issued against the landowner.
20	MR. WITTEN: I believe I said that, and if
21	I didn't, then I stand corrected. It's against
22	Weiss Farm, Inc.
23	MR. GALLOGLY: I just want to point out
24	that we did not apply for the order of conditions

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1	under the local bylaw. We were denied. I've never
2	seen a situation where an applicant who doesn't file
3	an application can be denied.
4	MR. WITTEN: Well, you know, it's
5	interesting, Mr. Chairman, because the Applicant
6	doesn't want to revisit what happened in the
7	Con.Com., but the Applicant's revisiting what
8	happened at the Con.Com.
9	The application
10	MR. GALLOGLY: I was just responding to
11	your statement.
12	MR. WITTEN: The application, during the
13	public hearing process, was clear that there was an
14	application under the bylaw, and the Commission
15	denied under the bylaw. So that matter, unappealed,
16	has been resolved, and it has been resolved in that
17	the Conservation Commission denied under the local
18	wetlands bylaw.
19	CHAIRMAN SALTZMAN: Mr. Shulman, did you
20	have a question?
21	MR. SHULMAN: Yeah. It feels like a small
22	question in the context of the discussion.
23	CHAIRMAN SALTZMAN: No. No. No.
24	MR. SHULMAN: But there is 100-foot buffer

1 zone from the wetland, which is in -- nine o'clock -- which is indicated on the plan. 2 3 experience has been that the 100-foot buffer, although not as strict as the 25-foot no-build 4 buffer, is still a relevant buffer. And the 5 project, as proposed, seems to fill the majority of 6 7 that buffer with parking. Could you speak to the approach of the 8 project in -- in essentially filling that buffer 9 10 zone? Or do you not view that buffer zone to be a 11 relevant one? 12 MR. LOWRY: Well, it's obviously a 13 jurisdictional area. It is not a resource area. 14 There are no performance standards in the regulations that tell you what you can and can't do 15 16 within the buffer zone. The buffer zone is -- when you're proposing work within it, you need to notify 17 the Conservation Commission and take appropriate 18 measures to make sure that the actual resource areas 19 are not impacted. But it's not at all uncommon to 20 21 have work go forward in the buffer zone, and it is 22 not uncommon also to have some reasonable setback, 23 such as 25 feet from the limit of the wetland, to

make sure that the wetland is not actually altered

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by those activities in the buffer zone.

But there is no prohibition to work within the buffer zone nor strict performance standards which regulate that work.

CHAIRMAN SALTZMAN: Is there anyplace where it's advised that, you know, the -- you get the 25 feet setback, the next 75 feet almost all the way around it are parking?

MR. LOWRY: Again, you have to look at the specifics of the buffer zone under -- in terms of existing conditions, what happens in those buffer zones now and what's going to happen there under the post-development condition.

And in my experience, looking at the storm water management standards here, and some of the other landscaping and so forth, the things that are happening within this buffer zone are such that it will maintain the integrity and the functions of the wetland, and that's what the buffer zone is there for. We're going to make sure that — that recharge is accommodated within the uplands, and recharge is distributed among the site around the buffer zone.

We're going to make sure water quality is treated in terms of anything coming from the site that moves

through the buffer zone to the wetlands.

So, in my experience, there is nothing happening within those buffer zones that's going to be -- adversely affect the wetlands that it's -- that it borders on.

MR. SHULMAN: So maybe you can just speak to that a little bit more, then, and explain how -- I mean, cars are dirty. They leak oil. They have heavy metals from their brakes. There is various things that are -- pollutants that are bad for wetlands, as far as I understand it. Rain falls, washes that on to pavement, and eventually it sheet flows off the pavement and down through that 25-foot buffer and into the resource area, presumably.

Can you respond to that how --

MR. LOWRY: Sure.

As Jim has mentioned, the storm water management system was designed really for two primary purposes: One is to make sure that the peak rate of runoff does not change pre to post; and secondly, to address water quality issues, to make sure that water quality is treated in a treatment train as it runs off of the paved surfaces and areas that cars are parking in and off of roof tops. And

1	so as it moves through the storm water management
2	system, those pollutants are attenuated by various
3	measures. There is direct settling. There is
4	there is filtration through soil. There is
5	biochemical activities. And so it's very well
6	established at this point in time that those storm
7	water management measures that are part of the storm
8	water system attenuate those pollutants and protect
9	the receiving resource areas whether they be
10	wetlands, or streams, or the ground water system
11	and that's how the whole system is designed to make
12	sure that it does work appropriately.
13	MR. SHULMAN: So water that falls and hits
14	the paved areas all in that 100-foot buffer zone,
15	that all gets treated?
16	MR. LOWRY: Correct. That is correct.
17	CHAIRMAN SALTZMAN: Any other questions?
18	Mr. Sullivan.
19	MR. SULLIVAN: Sure. Would now be the time
20	to bring up snow? How would they remove ice and
21	such? That would be in that 100-foot zone also.
22	Would it relate to that?
23	MR. LOWRY: I don't recall. We had a snow
24	removal plan. It's basically you're required to

1 have a snow removal plan, and I don't recall the details of it at this point. 2 3 Do you recall, Jim? MR. WHITE: As part of our storm runoff 4 analysis and operation and maintenance plan, there 5 was a snow storage plan in that package which 6 7 indicated locations where snow could be stockpiled on site, or piled on site. 8 MR. SHULMAN: Can you just describe that to 9 10 Where is the snow stockpile? Could you just 11 show us on the --MR. SULLIVAN: I can't find it amongst 12 13 my -- my weekly reading list. It's very hard to do this and run a business at the same time. 14 15 MR. WHITE: It's in that April storm water report, which is very, very thick. And it may be 16 better just to bring a plan next time rather than 17 try to point out locations. 18 If you could. 19 MR. SULLIVAN: Yeah. MR. WHITE: I think that would work better. 20 21 MR. SULLIVAN: And the other concern I have 22 is, you know, deicing materials -- salt, sand and 23 such -- I know I see in a lot of areas I'm going through maybe a reservoir area and there is all 24

	82
1	sorts of signage about no salt or sand being in use.
2	So I would like that also addressed.
3	MR. WHITE: Okay.
4	MR. SULLIVAN: Thank you.
5	MR. WHITE: Sure.
6	CHAIRMAN SALTZMAN: Any other questions
7	from the Board?
8	Mr. Houston.
9	MR. HOUSTON: Yes, Mr. Chairman.
10	CHAIRMAN SALTZMAN: Would please.
11	You've heard considerable testimony tonight
12	in connection with the wetlands area. I know you've
13	had opportunity to study it.
14	Can you offer the Board some guidance as to
15	where our inquiry should go at this point.
16	MR. HOUSTON: Certainly, Mr. Chairman.
17	We did review the storm water, the overall
18	site layout, its impact to the wetlands, et cetera,
19	as part of our original review.
20	Earlier this week we received the
21	supplemental filings that have been discussed in
22	terms of the area-wide drainage study, the study of
23	the pump station, some additional infiltration
24	calculations, indicating compliance with Standard 3,

et cetera. We have gone through those superficially. We need to do some additional analysis.

I think my comment would be that many of the responses to the issues regarding wetlands and regarding storm water were qualitative in nature.

And I did speak to Jim earlier this evening about maybe getting together because, by way of example, we raised concerns about fill impacting the infiltration facilities.

We received written responses saying,

"Well, in this area the fill is granular; it's okay

to leave. In this area, it isn't." But there was

no technical backup to that. So we have the -- the

answers in words, but I think we need to delve into

them to get a quantitative basis for -- for those

responses.

I guess with respect to the big issues of storm water management, I think we initially raised the issue that the design point selected for the calculations is not correct. It should, in fact, be a point that reflects the overall hydrology of the area, and that includes the adjacent wetland. It's a requirement of standard engineering practice to

not only model a site in isolation, but to model typically off-site areas that flow onto the site or whatever.

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In this instance, we have a very large area of relatively level, for lack of a better term, ponded water that surrounds the site that will affect and impact the site, and we don't really know what the controls are there. I know that the area-wide drainage study estimated total flows into that wetland area, but doesn't really tell us what happens now or what happens post development quantitatively. I think we need to expand the drainage calculations to include the upland areas that intimately affect the hydrology, surface water and ground water of the site.

I think our comments and concerns about the pump station remain fundamentally unanswered. Jim did a credible engineering evaluation of the pumps and the function of the station now, but I think our recommendations for alternating pumps and for standby power remain in place. And in order to design an upgraded station, you really need to know the water coming into it, which is, again, why you need to expand the drainage calculations.

From the area-wide drainage study that was submitted I learned, in fact, that there are two outlets to this larger wetlands system, and one functions dominant at one time and it sort of shifts back and forth, so I think it's necessary to evaluate that and determine its impact on the project.

2.4

With respect to the wetland issues that we heard about, I concur with Mr. Shulman's concerns. It's correct that there is no quantitative limit on the alteration of buffer zone in terms of the 5000 square feet we often hear with respect to alteration of wetland itself, but I think it is unusual to have a project which so extensively alters buffer zone.

The reason the buffer zone exists is that activities within the buffer zone have a high potential to alter the wetlands themselves. If you have a very significant portion of the buffer zone altered, not so much for storm water management facilities -- and you see that quite a bit -- but for parking and other hard site improvements, I think there is just an inherent potential for that work to -- to impact the wetland.

I guess the way I phrased my comment may have been unfortunate, because I suggested the solution was to seek input from the Conservation Comission, and the Rackemann letter responds, "Well, that's in appeal," et cetera. So that is true. So I guess I would rephrase it and just raise the concern about the potential impact on the wetlands due to the extensive alterations of the buffer zone.

Less is more in this case, to quote Le Corbusier, the architect. So if we could alter less of the buffer zone, that would be highly beneficial. If that's not within -- consistent with maintaining the program, well, we'll have to look at the issue at that point.

So...

CHAIRMAN SALTZMAN: Does the -- does the pump station itself make this a somewhat unusual site, the way that -- you know, the way the water seems to congregate on one end of the place, that the fact that you've got flooding off site next to the -- in the adjoining areas, you've got -- you know, and then you've got flooding further down the -- on the other side of Franklin Street. It's almost like you're stuck having to pick your poison.

Where is it going to go? It's not going to stay here.

MR. HOUSTON: Well, that's another reason, of course, to analyze it.

It's pretty unusual to pump storm water in any instance. I mean, you see it in very urban situations like Storrow Drive where it's halfway under the river level. They pump storm water there. But it's pretty unusual to have it in a suburban situation.

I don't know, looking back, what led to the design considerations of what inverts place the culvert at and things like that, but it is kind of complicated because I've gone out there, oh, maybe a month or a month and a half ago. It wasn't a particularly rainy time, and yet the pump was going full force, and it wasn't functioning properly. It was spilling over the sides, et cetera.

So, you know, it's a pretty complex situation. I know they turn it off in the winter. They turn it off when the water level reaches a certain point. But, you know, I think we need to understand that in additional detail, and I think we need a more reliable pump.

1 I mean, if you have a -- a septic system 2 for a house, it has dual pumps that alternate. 3 think if you've got a 550-gallon pump, you would probably want pumps that alternate, among other 4 reasons, if one of them does break, the other one 5 kicks in and allows the storm water to be pumped 6 7 until that pump -- excuse me -- can be replaced. So I think some of our concerns about storm 8 9 water were answered, particularly the impacts of 10 fill on certain of the systems, but again there is 11 no quantitative basis for it. I think our fundamental concerns about the nature of the storm 12 13 water modeling, even though, as the Applicant made the point, the volumes do balance from the site, I 14 still don't think that's how you analyze this 15 16 particular area. It's a complex area. We have to understand it because it impacts the project. 17 CHAIRMAN SALTZMAN: On the issue of 18 replacing the pump and having a backup pump, is --19 is cost a significant factor on that? I mean, I 20 don't think this pump that's in there right now 21 22 seems to owe anybody anything. Right? It's more 23 than --MR. HOUSTON: Although I think Mr. White 24

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1	said it's been replaced a few years ago, but the one
2	that was in there since 1950 to 2000-something
3	certainly didn't owe anyone anything.
4	But yeah, I mean, at some point a pump is
5	going to break, so I think the idea of an
6	alternating pump, you know, it helps the wear of the
7	system, extends the life, and provides that safety
8	backup in case you need to pump when one of the
9	pumps malfunctions. That's just a standard
10	engineering approach to any type of pumping
11	facility, and certainly one of this magnitude, so
12	CHAIRMAN SALTZMAN: And it would be backed
13	up by a generator?
14	MR. HOUSTON: Yes. Yes.
15	CHAIRMAN SALTZMAN: Questions from the
16	Board?
17	MR. SULLIVAN: I think they I think
18	they're pumping their sewage there; isn't that
19	correct?
20	MR. HOUSTON: From the proposed project?
21	CHAIRMAN SALTZMAN: That's a happy thought.
22	MR. SULLIVAN: Yes.
23	Isn't that what's proposed?
24	MR. HOUSTON: I don't recall, exactly.

1	MR. WHITE: Yes, that's correct.
2	MR. SULLIVAN: And last time we were going
3	to that was one of the questions you were going
4	to get back to me on was the type of generation.
5	You said you were possibly could use natural gas,
6	and we were going to get a size of a generator that
7	would be required, whether it was natural gas. If
8	it was a standard diesel generator, what would be
9	the number of gallons. And I would hate to see
10	diesel in a wetland area.
11	MR. WHITE: I assume at this time, as long
12	as regulations don't change, that we'd be using
13	natural gas as our source of power for the
14	generator.
15	MR. SULLIVAN: I'm not positive, but I'm
16	pretty sure that's up to the local jurisdiction,
17	correct? Whether or not they accept a natural gas
18	or the diesel.
19	MR. WHITE: That's correct.
20	MR. SULLIVAN: Because I know some don't.
21	And then I don't think, if it was proposed
22	and everything went through, that I would hope that
23	the generator would be of sufficient size to also
24	make sure that in a power outage that those pumps

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1	would be able to operate.
2	MR. WHITE: That's correct. The generator
3	would be sized for the pumps to operate, so there
4	would be no stoppage in pumping.
5	Oh, I'm sorry. Are we going back to storm
6	water or are we going to sewage?
7	MR. CICATELLI: Are you referring to the
8	pumping station?
9	MR. SULLIVAN: Both. What I was bringing
10	up was that the you are pumping proposing to
11	pump the sewer, correct?
12	MR. WHITE: That's correct.
13	MR. SULLIVAN: That's waste?
14	MR. WHITE: That's waste, right.
15	MR. SULLIVAN: Correct?
16	So the conversation that we have when you
17	were going to propose it to pump the waste, there
18	was a conversation of a standby generator to make
19	sure that waste could always be pumped.
20	My comment is, if there is a standby
21	generator there, I'm concerned about if it's diesel
22	in a wetland area. And I also want to know how much
23	fuel it would carry. I know that the natural gas is
24	another option that's available, and like I just

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1	stated, I believe that's up to the local
2	jurisdiction as to whether or not they find it, you
3	know, sufficient for that use.
4	And I said I would just hope that if you
5	have to put a generator in there, that it would be
6	of sufficient size to carry any pumping that would
7	be required for storm water management.
8	MR. WHITE: Okay.
9	MR. SULLIVAN: That was more of a
10	suggestion, because I knew we had already talked
11	about having a generator there, so
12	MR. WHITE: Okay.
13	MR. SULLIVAN: if it's sized
14	accordingly, it shouldn't be an issue, and I'm sure
15	that wouldn't be an issue, either.
16	MR. WHITE: That's a good point.
17	MR. SULLIVAN: That's all.
18	CHAIRMAN SALTZMAN: Any other questions?
19	Sure.
20	MS. McBRIDE: Hi. Ellen McBride, 30 Butler
21	Ave.
22	I just wanted to make a few clarifications
23	for the record of points that have come up during
24	tonight.

1 One is I think, Dennis, you referenced Army 2 Corps of Engineers digging the ditches. And I know 3 in a letter I think Peter, you presented it months ago, that, in fact, it was rumored, or -- no one's 4 ever been able to clarify that. 5 I, myself, contacted Army Corps of 6 7 Engineers. They have no records whatsoever that they dug the ditches. So I just want -- no one 8 knows who dug them. I just don't people to think it 9 was Army Corps. 10 11 And then when you say you're out of the 25-foot no-disturb zone everywhere on the project, 12 13 if I'm remembering, on the northeast section of the project, isn't there a bridge that goes over to 14 three acres of upland? 15 16 MR. WHITE: There is an existing little concrete bridge in that location. 17 MS. McBRIDE: Right. So that's in the 18 25-foot no-disturb zone, right? 19 MR. WHITE: That's an existing bridge. 20 21 MS. McBRIDE: Right. But aren't you 22 planning on fixing it? MR. GALLOGLY: Not unless you allow us to 23 do that. 24

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1
             MS. McBRIDE: But the part of the project
2
    is not 25-foot no-disturb zone.
3
             MR. GALLOGLY: No. That's not -- that's
4
    not part --
5
             MS. McBRIDE: In your -- in one of the
6
    parts of your project you talk about:
7
                   "And a lovely bridge that leads to
             three acres of upland."
8
             So it kind of is in your project, so I'm
9
    just --
10
             MR. GALLOGLY: In its existing condition.
11
             MS. McBRIDE: I agree.
12
13
             But I'm just saying, you say the whole
    project is outside the 25-foot, and it's not.
14
    You're not -- I'm not saying you're altering it; I'm
15
    just saying it's part of the project.
16
             And the hay bales you talked about that
17
    Mrs. Weiss and Weiss Farm have been very good about
18
    replacing all along, they only replaced them after
19
    we did a site walk and we asked them to replace
20
21
    them, because all the hay bales that had been put in
    2012 were all degraded. So we asked them to put
22
    them in. And they weren't put in, and we asked them
23
    again, and then they were put in.
24
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1	And I think, Mr. White, you said the pump
2	was replaced a few years ago. Do you know when it
3	was replaced?
4	MR. WHITE: In my pump report it has in
5	there when it was replaced, the exact year.
6	MS. McBRIDE: Okay.
7	MR. WHITE: I don't know off the top of my
8	head.
9	MS. McBRIDE: Like after 2010? Or after
10	2000? I don't want to put you on the spot, but
11	MR. WHITE: I would have to look at my
12	report.
13	MS. McBRIDE: That's fine.
14	MR. WHITE: But I believe it was after
15	2000.
16	MS. McBRIDE: And Dennis, you referenced
17	that this was agricultural land, and it's not.
18	Donna lost her agriculture license years ago, and
19	that was a long contentious fight with the town. So
20	it's not agricultural land. She doesn't get any
21	benefits of agricultural
22	MR. LOWRY: I was basing my statement on
23	the definition of "agriculture" under the Wetlands
24	Protection Act

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1	MS. McBRIDE: Okay.
2	MR. LOWRY: and the guidance that's
3	provided by the DEP.
4	MS. McBRIDE: Okay. I wanted to make it
5	clear that it's not a farm any longer.
6	CHAIRMAN SALTZMAN: That's a question that
7	we're not going to resolve among ourselves tonight.
8	MS. McBRIDE: I know. And then one more
9	point.
10	And I think last meeting we talked about
11	nobody had the numbers of what is I don't know
12	what the right terms are but when you talked
13	about removing two levels, that would drop it down
14	20 feet. If you removed all five, it would drop it
15	down 50 feet, and what was the before and after of
16	ground level.
17	I think you have that information tonight,
18	so maybe you can revisit that question.
19	CHAIRMAN SALTZMAN: Okay.
20	MS. McBRIDE: If you want to. Thanks.
21	CHAIRMAN SALTZMAN: Mr. Houston, just very
22	quickly.
23	MR. HOUSTON: I just wanted to follow up on
24	the comment that was made about the Corps of

Engineers ditch and potential easements.

That was one of our comments and a concern, because it would be, in my judgment, highly unusual for the Corps of Engineers to have constructed something and not maintained some kind of rights to go in and maintain it.

In response to that, I believe the Rackemann letter said something like there is no evidence of an easement or whatever, but I do think it's important that there be a detailed title search of that particular issue. Because if the Corps has any rights in that, and if the applicant can't touch it or discharge into it without a Corps permit, it really sort of leaves us up in the air.

So I didn't -- I couldn't determine from the response whether there had been a detailed evaluation of that issue or not. So...

CHAIRMAN SALTZMAN: Is there a response?

MR. MAHONEY: We've done extensive title

research on the site and have not found anything

that would indicate the Corps has any rights on the

site. I think the -- the historic, anecdotal

information was that this was a Corps project, but

we have not -- we don't have any -- there is no

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1	easements, as far as our title research, have turned
2	up, and we've done extensive research.
3	CHAIRMAN SALTZMAN: I always thought the
4	Army Corps of Engineers wrecked a site and ran. But
5	hey, I don't know.
6	At this time perhaps it might be wise to
7	entertain a motion?
8	Yes, sir.
9	MR. BENNETT: Arthur Bennett, 7 Sunset
10	Road, Stoneham.
11	I live adjacent to the brook on Sunset
12	Road. When there is several inches of rain, my
13	property is like a swimming pool. This development
14	will impact more flooding on my property, especially
15	in the basement. The water in the brook now is
16	practically stagnated.
17	CHAIRMAN SALTZMAN: Thank you.
18	Anybody else?
19	MR. ROTONDI: I would like to make a motion
20	to adjourn.
21	MR. WITTEN: Mr. Chairman, can I just ask
22	one question before the Board votes on that.
23	Last week I asked Mr. Mahoney about the
24	MEPA status, so I just wanted to ask that question

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1
    again tonight.
2
             MR. MAHONEY: We have not filed. We plan
3
    to file, I would guess, within the next week.
             MR. WITTEN: Within the next week?
 4
             Prior to the next meeting?
5
             CHAIRMAN SALTZMAN: We're meeting again in
6
7
    two weeks.
8
             MR. MAHONEY: Yes.
9
             CHAIRMAN SALTZMAN: You've got all the time
    in the world.
10
11
             MR. MAHONEY: Prior to the next meeting.
12
    That's the plan.
13
                           Thank you, Mr. Mahoney.
             MR. WITTEN:
14
             And the second question, Mr. Chairman, is
    just some clarification, maybe it's from Mr. Engler,
15
16
    as to whether or not -- or Attorney Cicatelli -- is
    the Board going to see a plan for 120, 125 units?
17
             MR. ENGLER: The Board will see a pro
18
            And if you hire a consultant of financial
19
    expertise to look at the pro forma and you ask that
20
    consultant what would happen if it were 125 units,
21
22
    that's something that that consultant can look at,
    make a comment on, and we can respond to it.
23
             So we plan on giving you a pro forma very
24
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1
    shortly.
2
             MR. WITTEN: So I appreciate that,
3
    Mr. Engler. But my question is, is --
             MR. ENGLER: No, we won't be doing a
4
    modified plan. We have -- we're living with the
5
6
    plan we've submitted.
7
             MR. WITTEN: And when would the Board
8
    expect the pro forma?
9
             MR. ENGLER: Oh, I would say ten days.
10
             Before the next meeting.
11
             MR. WITTEN: Before the next meeting?
12
    Because, Mr. Chairman, taking --
13
             MR. ENGLER: No?
14
             Before not the next meeting, but the
    meeting after that, we'll have it.
15
16
             MR. SULLIVAN: The 18th of November
    meeting, sir?
17
             CHAIRMAN SALTZMAN: The meeting on the
18
19
    12th?
             MR. CICATELLI: The 12th and the 18th,
20
    Mr. Chairman.
21
22
             CHAIRMAN SALTZMAN: We're counting ten days
23
    from today.
24
             MR. ENGLER: Well, I said that. I work for
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101
1
    my client, who said it would be a little longer.
2
             CHAIRMAN SALTZMAN:
                                  Don't be shy,
3
    Mr. Engler. It's the first we've seen of that.
             MR. ENGLER:
4
                           Very shy.
             You will have it, though, before.
5
             CHAIRMAN SALTZMAN: Fair enough.
6
7
             MR. WITTEN: Thank you, Mr. Chairman.
             And I'll have a recommendation to take
8
9
    Mr. Engler up on that offer, and I'll have the
10
    recommendation to the Board for a pro forma
11
    consultant review.
             And then my last question, if I could,
12
13
    Mr. Chairman, is:
             Mr. White, do you have any written
14
    submissions other than the updated reports, any
15
16
    testimony, any report other than the Rackemann,
    Sawyer letter which I think you are referenced at
17
    least by implication on? Do you have any comments
18
    to Mr. Houston's report?
19
                          No.
20
             MR. WHITE:
21
             MR. WITTEN: Written comments?
22
             MR. WHITE: They're included in our
23
    attorney's letter, our responses.
                           Your attorney's letter is
24
             MR. WITTEN:
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1
    signed by -- by your attorney.
2
             Are they your comments?
3
             MR. WHITE: I helped craft those comments.
             MR. MAHONEY: Mr. Chairman, could I just --
4
             MR. WITTEN: Did you craft -- could I just
5
    finish, Mr. Mahoney?
6
7
             Did you craft all of the comments? Some of
8
    the comments?
9
             MR. CICATELLI: Mr. Chairman, it's --
10
             MR. MAHONEY: The comments from Mr. Houston
11
    were obviously multidisciplinary, and we had, you
    know, input from many, many team members and --
12
13
             MR. WITTEN: Mr. Chairman, just for the
    record, the Board --
14
             CHAIRMAN SALTZMAN: I think the question
15
    is, the -- if there could be some indication as to
16
17
    whose comments --
             MR. MAHONEY: We could do that.
18
             CHAIRMAN SALTZMAN: -- that would be --
19
             MR. MAHONEY: We will do that.
20
21
             CHAIRMAN SALTZMAN: That would be most
22
    helpful.
23
             MR. WHITE: I responded to those comments
    that dealt with the civil engineering aspects of the
24
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1	project.
2	CHAIRMAN SALTZMAN: Sure. If we could just
3	know who said what, that would be somewhat helpful.
4	And on that happy note, Mr. Rotondi, do you
5	have a motion?
6	MR. ROTONDI: I would like to make a motion
7	to adjourn.
8	MR. SULLIVAN: Time and place?
9	MR. WITTEN: To continue.
10	No, not to adjourn. To continue.
11	MR. SULLIVAN: Continue.
12	MR. ROTONDI: To continue to November
13	MR. SULLIVAN: November 12th, 7:30 p.m. in
14	this room, and I would second that.
15	CHAIRMAN SALTZMAN: All right.
16	All those in favor.
17	(Chorus of ayes)
18	CHAIRMAN SALTZMAN: All right.
19	MR. CICATELLI: Mr. Chairman, that would be
20	traffic that evening would be the plan?
21	CHAIRMAN SALTZMAN: Traffic and more water,
22	I suppose.
23	MR. MAHONEY: More water, you suppose.
24	

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                     (Whereupon, the hearing was
 1
 2
                     continued at 9:27 p.m.)
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Doris O. Wong Associates, Inc.

	1	.05
1	CERTIFICATE	
2	I, Alexander K. Loos, Registered Diplomate	
3	Reporter, do hereby certify that the foregoing	
4	transcript, Volume VIII, is a true and accurate	
5	transcription of my stenographic notes taken on	
6	October 28, 2015.	
7		
8		
9		
10	COS	
11	Alexander K. Loos	
12	Registered Diplomate Reporter	
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	29:7;30:9;57:21;	5:18;32:16;69:18	anyplace (1)	79:14;81:24;82:12;
\$	58:8;63:1;77:24 add (2)	air (1) 97:14	78:5	83:12,13,23;84:4,10;
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